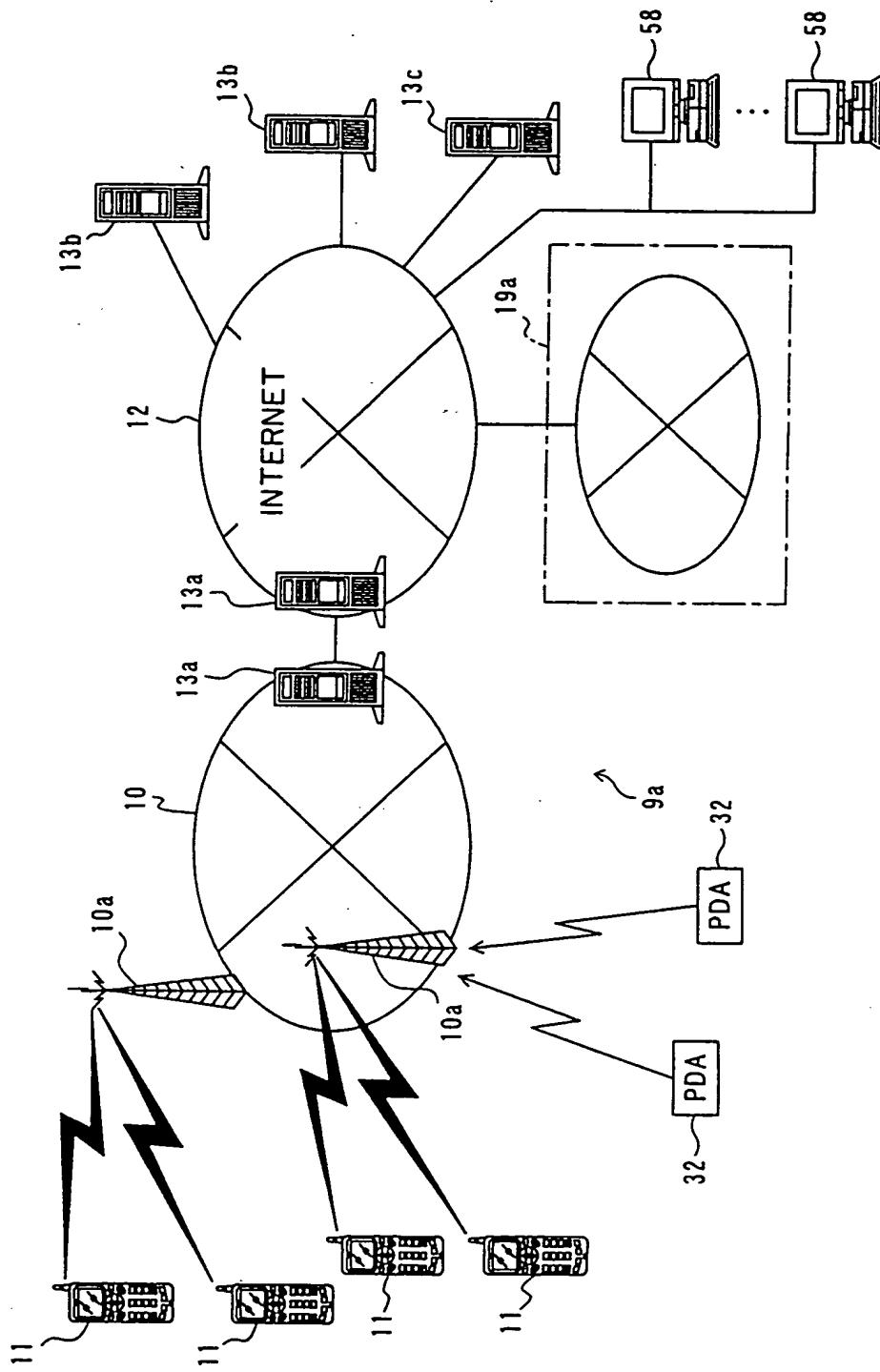
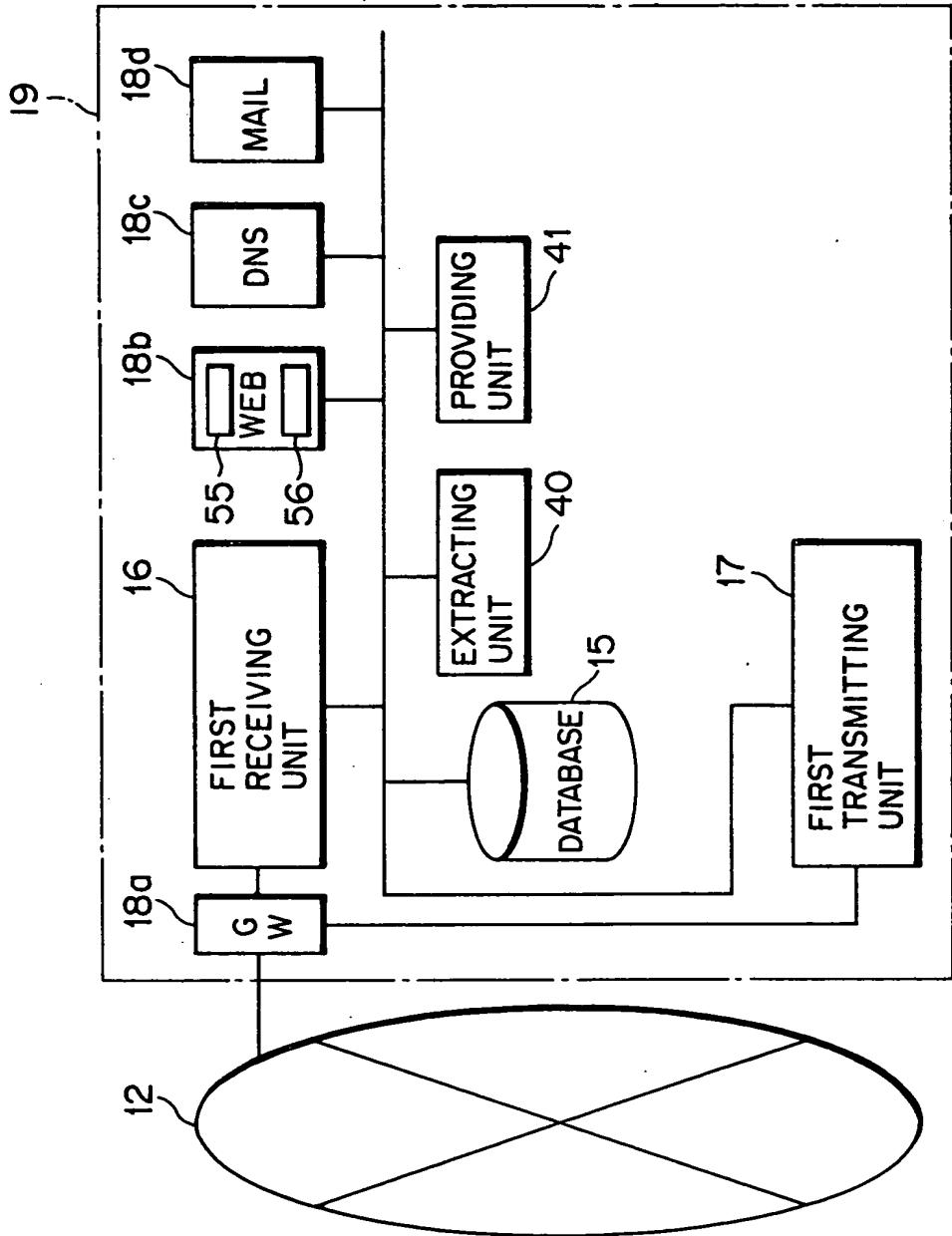


FIG. 1  
INTERNET



102290 " 226260

FIG. 2



102290 " 1226350

FIG. 3

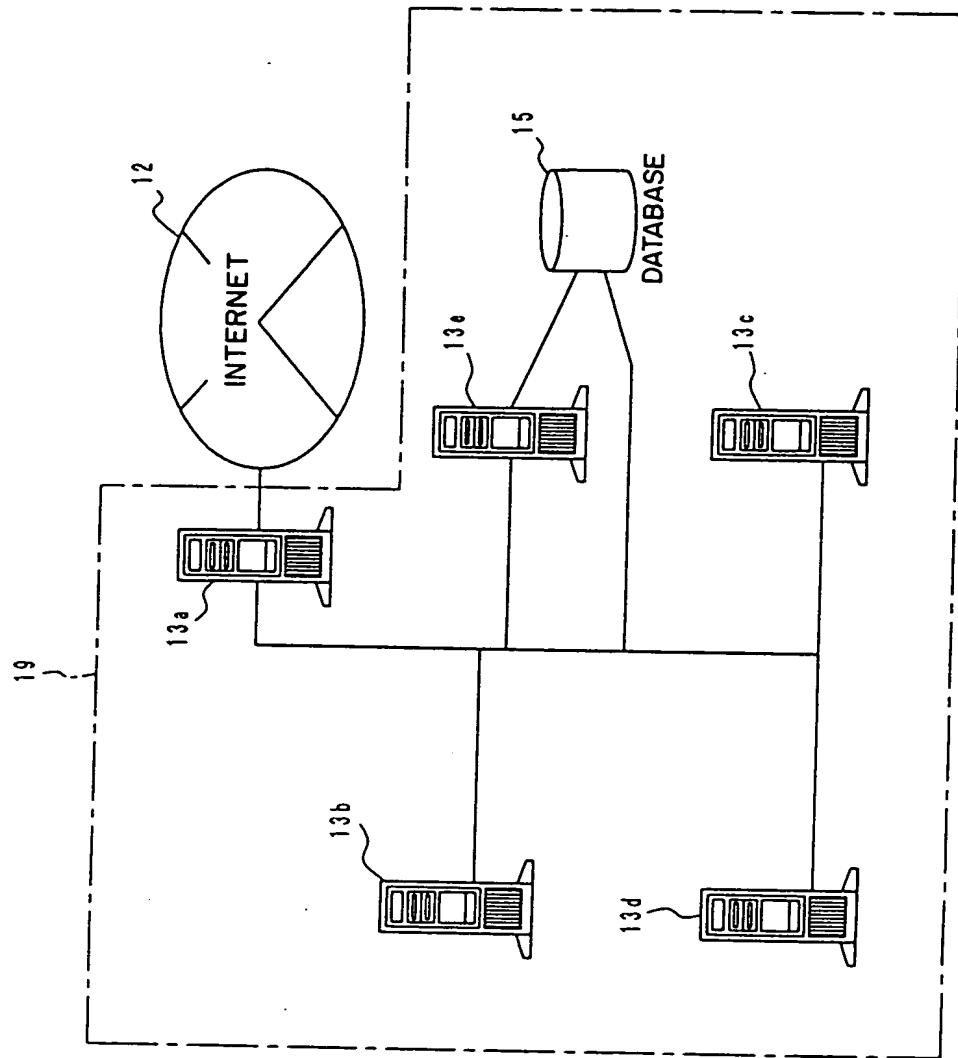


FIG. 2 3 0 " FIG. 2 4 5 3 6 0

FIG. 4

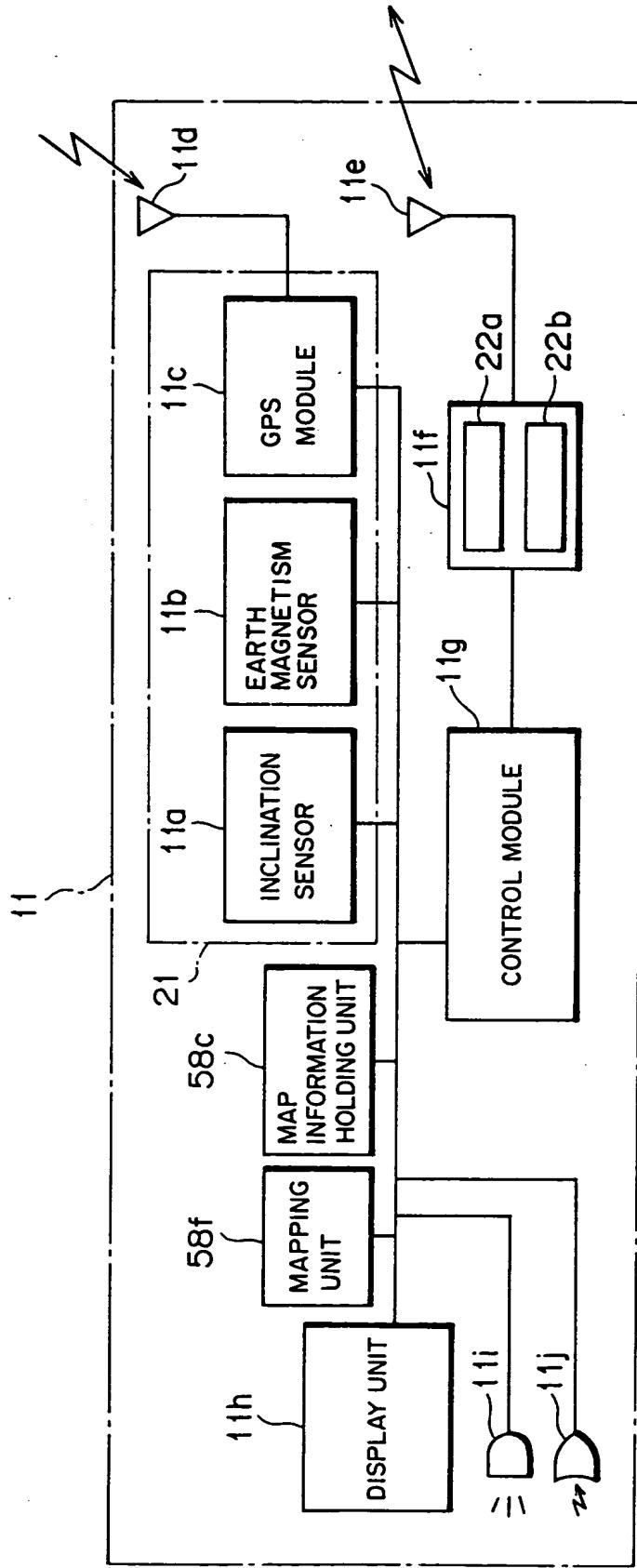
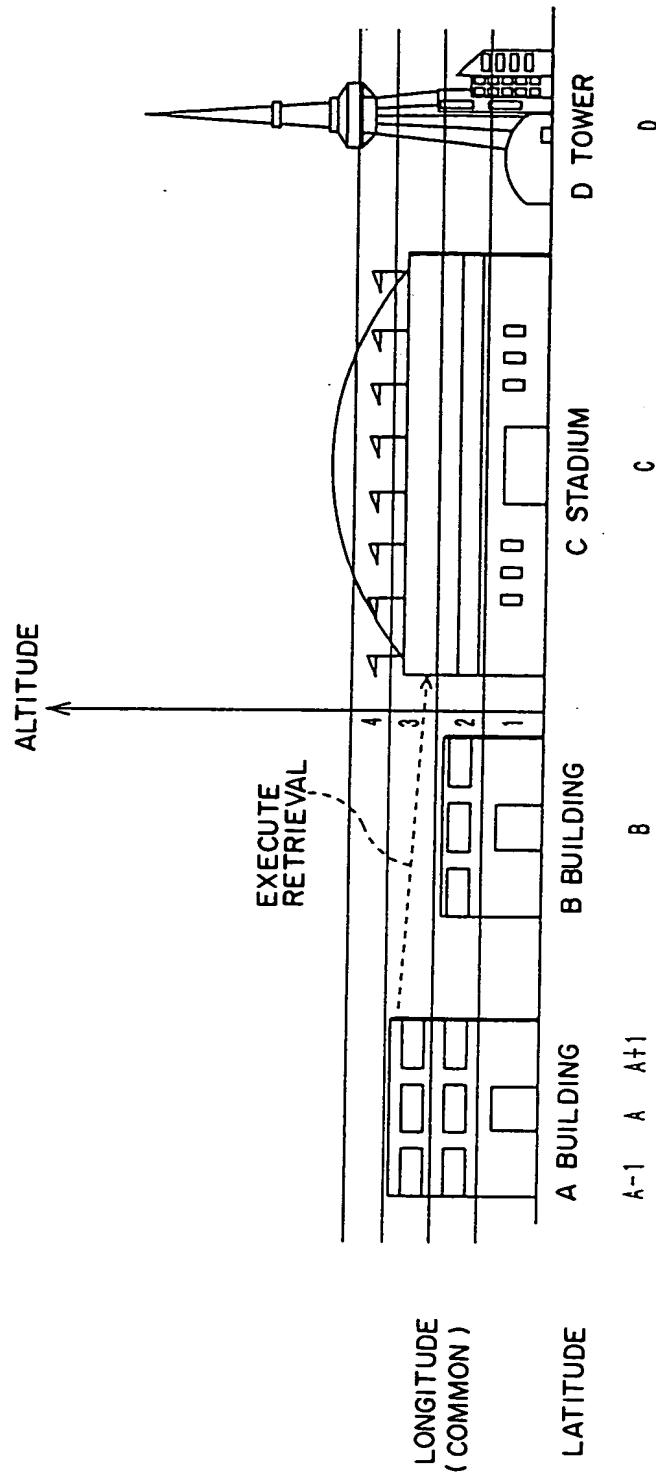
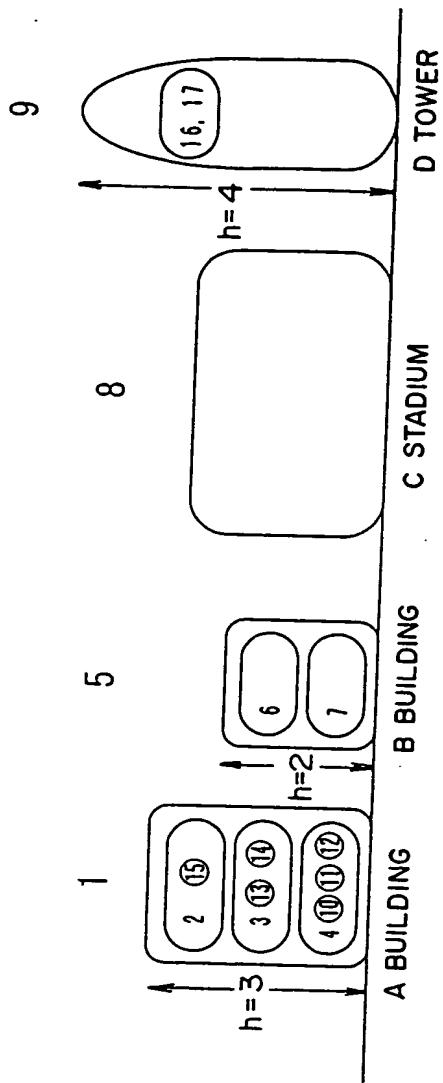


FIG. 5



102290 - DATE 6/0

FIG. 6



F I G. 7

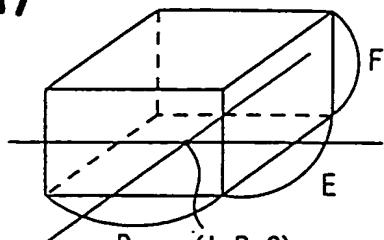
15(15a)

BUBBLE NUMBER	Spatial Occupancy Information	URL	Attribute Information
1	A/X/0/3	<u>http://www.xxx:100</u>	PUB
2	A/X/3/1	<u>http://www.xxx:101</u>	HOSPITAL (SURGERY)
3	A/X/3/1	<u>http://www.xxx:101</u>	HOSPITAL (INTERNAL)
4	A/X/3/1	<u>http://www.xxx:101</u>	HOSPITAL (STOMACH AND INTESTINAL)
5	A/X/3/1	<u>http://www.xxx:101</u>	HOSPITAL (NOSE AND EAR)
6	A/X/2/1	<u>http://www.xxx:102</u>	HOTEL
7	A/X/1/1	<u>http://www.xxx:103</u>	GASOLINE STATION
8	B/X/0/2	<u>http://www.xxx:200</u>	PREPARATORY SCHOOL (TENTH-GRADE)
9	B/X/0/2	<u>http://www.xxx:200</u>	PREPARATORY SCHOOL (TWELFTH-GRADE)
10	B/X/2/1	<u>http://www.xxx:201</u>	ITALIAN RESTAURANT
11	B/X/1/1	<u>http://www.xxx:202</u>	TAX OFFICE
12	C/X/0/3	<u>http://www.xxx:300</u>	STADIUM
13	D/X/0/4	<u>http://www.xxx:400</u>	RADIO TOWER
14	A-1/X/1/0.5	<u>http://www.xxx:110</u>	RESTAURANT
15	1/X/1/0.5	<u>http://www.xxx:111</u>	STATION
16	A+1/X/1/0.5	<u>http://www.xxx:112</u>	FIREHOUSE
17	A-1/X/2/0.5	<u>http://www.xxx:120</u>	TEMPLE
18	A/X/2/0.5	<u>http://www.xxx:121</u>	ELECTRIC APPLIANCES STORE (PERSONAL COMPUTER)
19	A/X/2/0.5	<u>http://www.xxx:121</u>	ELECTRIC APPLIANCES STORE (CELL PHONE)
20	A/X/2/0.5	<u>http://www.xxx:121</u>	ELECTRIC APPLIANCES STORE (REFRIGERATOR)
21	A/X/3/0.5	<u>http://www.xxx:130</u>	CHINESE RESTAURANT
22	D/X/4/0.5	<u>http://www.xxx:410</u>	ART MUSEUM
23	D/X/4/0.5	<u>http://www.xxx:411</u>	BOOK STORE

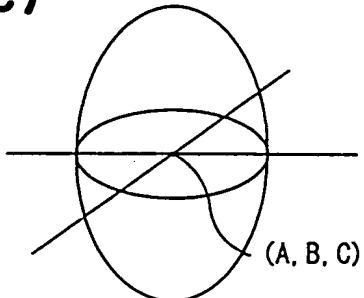
FIG. 8

BUBBLE NUMBER	SPACIAL OCCUPANCY INFORMATION ( LATITUDE / LONGITUDE ALTITUDE / BUBBLE DIAMETER )	OBJECT URL	CONTENT NAME
1	149° 22' 20" / 62° 11' 11" /30/5	<a href="http://www.nifty.ne.jp/gps/user/mori/index.html">http://www.nifty.ne.jp/ gps/user/mori/index.html</a>	A BUILDING
2	149° 21' 15" / 62° 09' 04" /15/20	<a href="http://www.nifty.ne.jp/gps/user/yashi/index.html">http://www.nifty.ne.jp/ gps/user/yashi/index.html</a>	B RESTAURANT
3	149° 19' 12" / 62° 14' 07" /50/200	<a href="http://www.nifty.ne.jp/gps/com/fujitsu/index.html">http://www.nifty.ne.jp/ gps/com/fujitsu/index.html</a>	C STADIUM
4			

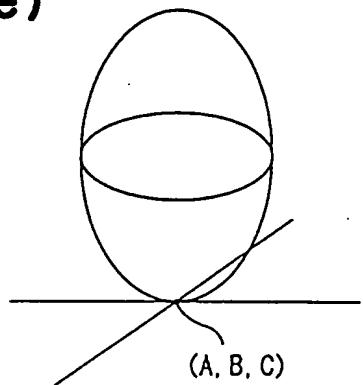
**FIG. 9(a)**



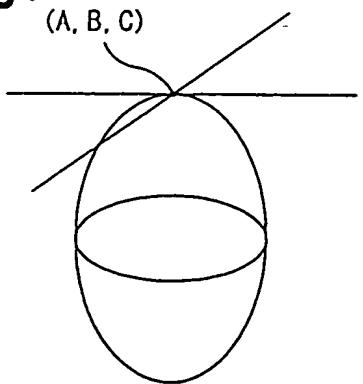
**FIG. 9(c)**



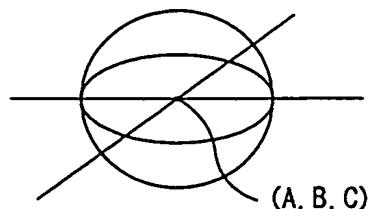
**FIG. 9(e)**



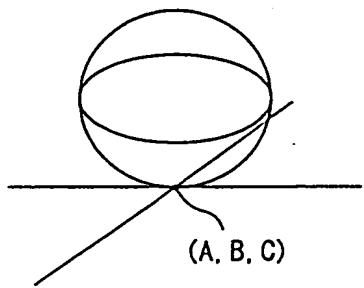
**FIG. 9(g)**



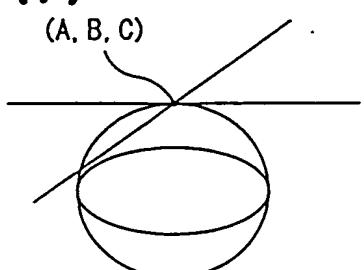
**FIG. 9(b)**



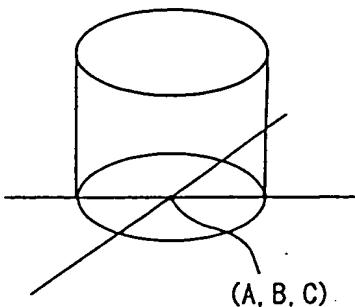
**FIG. 9(d)**



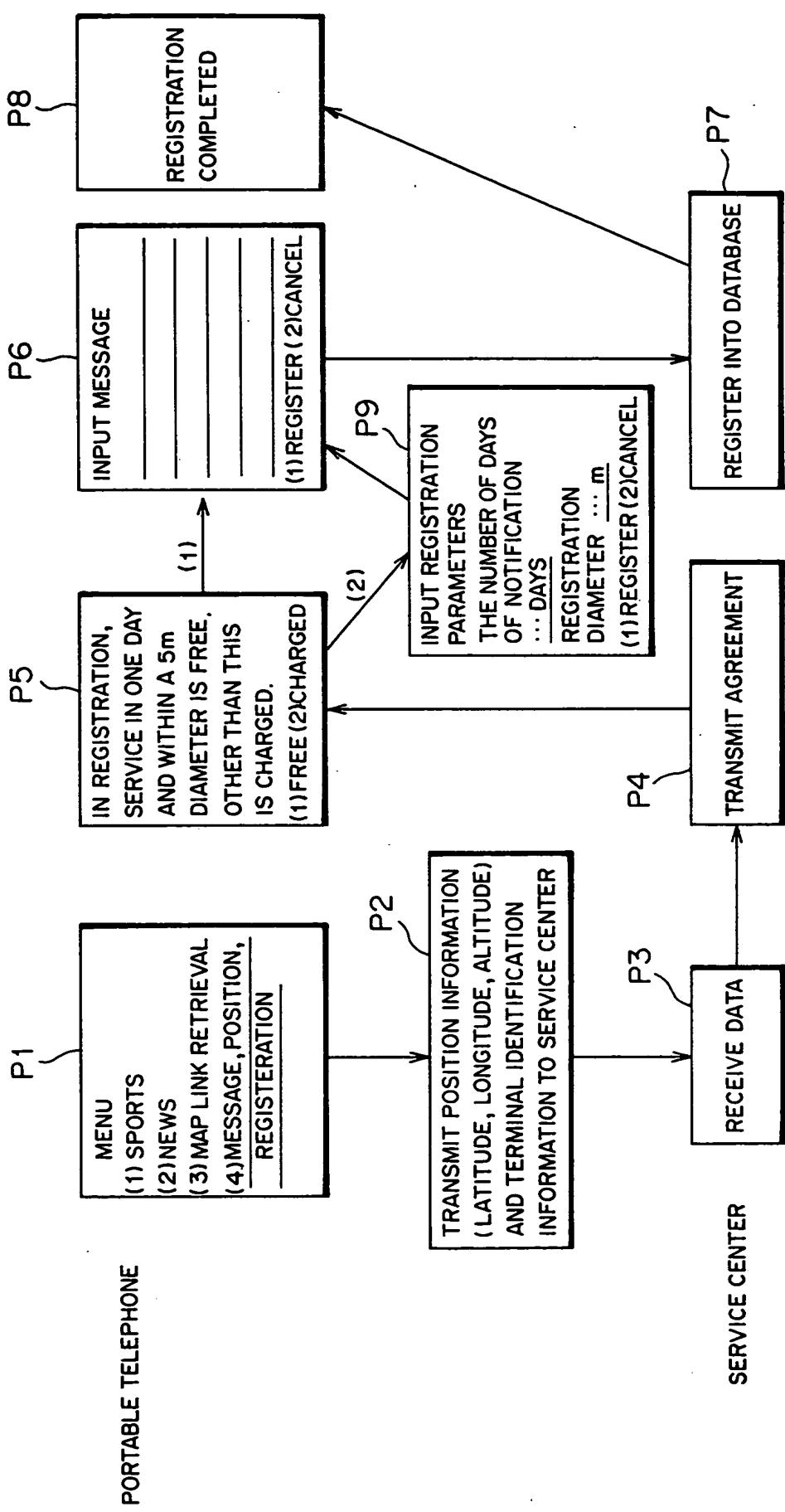
**FIG. 9(f)**



**FIG. 9(h)**



**FIG. 10**

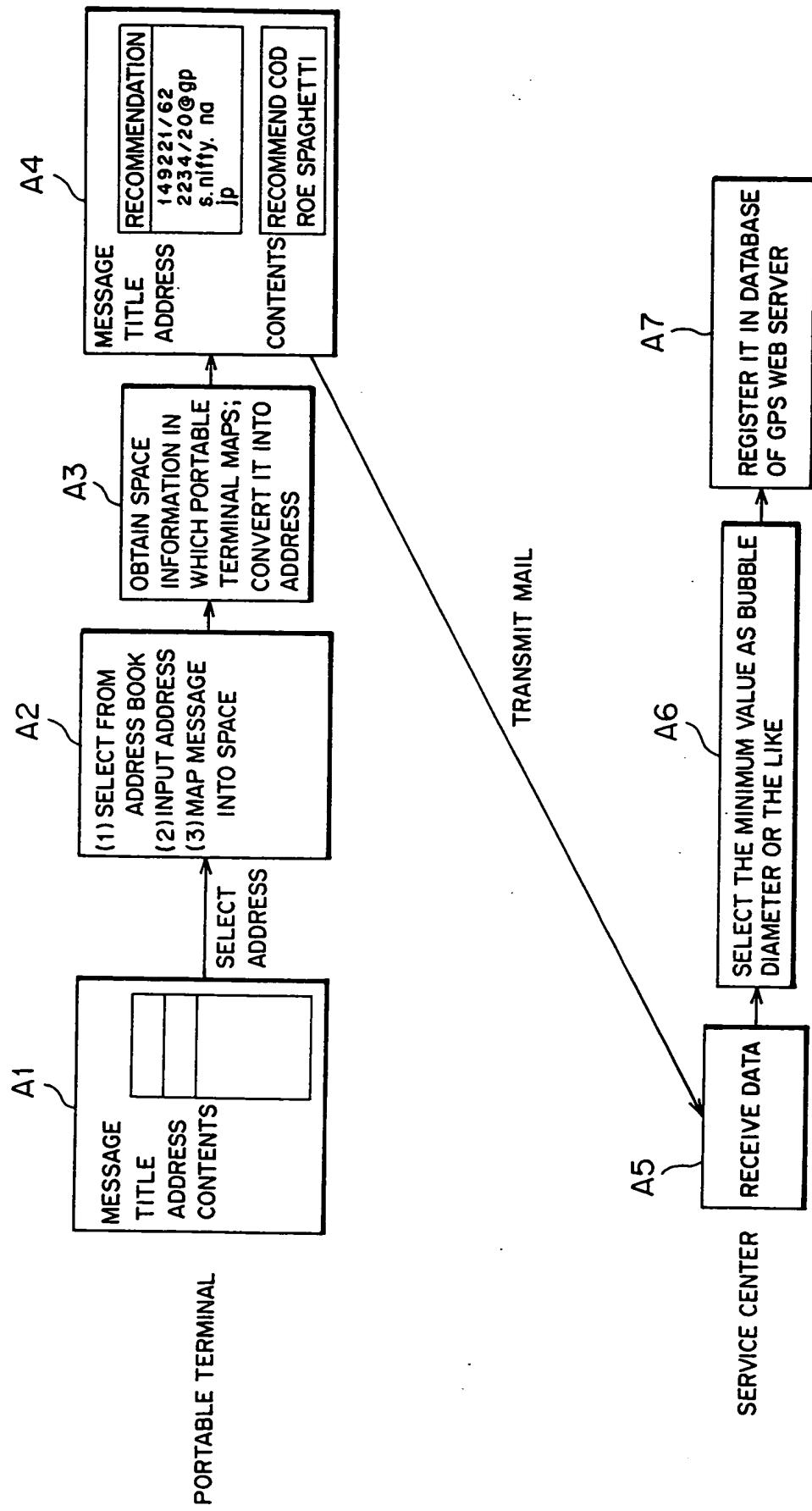


## FIG. 11

BUBBLE DIAMETER	INFORMATION NOTIFICATION TIME (DAY)	CHARGE	NOTE
5	1 DAY 2 WEEKS 3 MONTHS	0 YEN 100 YEN 1000 YEN	PERSONAL USE USE TO COLLECT MEMBERS OF A CIRCLE OR THE LIKE
20	1 DAY 2 WEEKS	1000 YEN 5000 YEN	AD. OF BARGAIN SALE ROAD GUIDANCE
50	1 DAY 1 WEEK	2000 YEN 10000 YEN	FESTIVAL GUIDANCE
100	1 MONTH 6 MONTHS	100000 YEN 500000 YEN	COMPANY AD. (COMPANY PROFILE )

7 0 2 9 0 • T e s t e s t 0

FIG. 12



10 25 10 12 25 35 0

FIG. 13

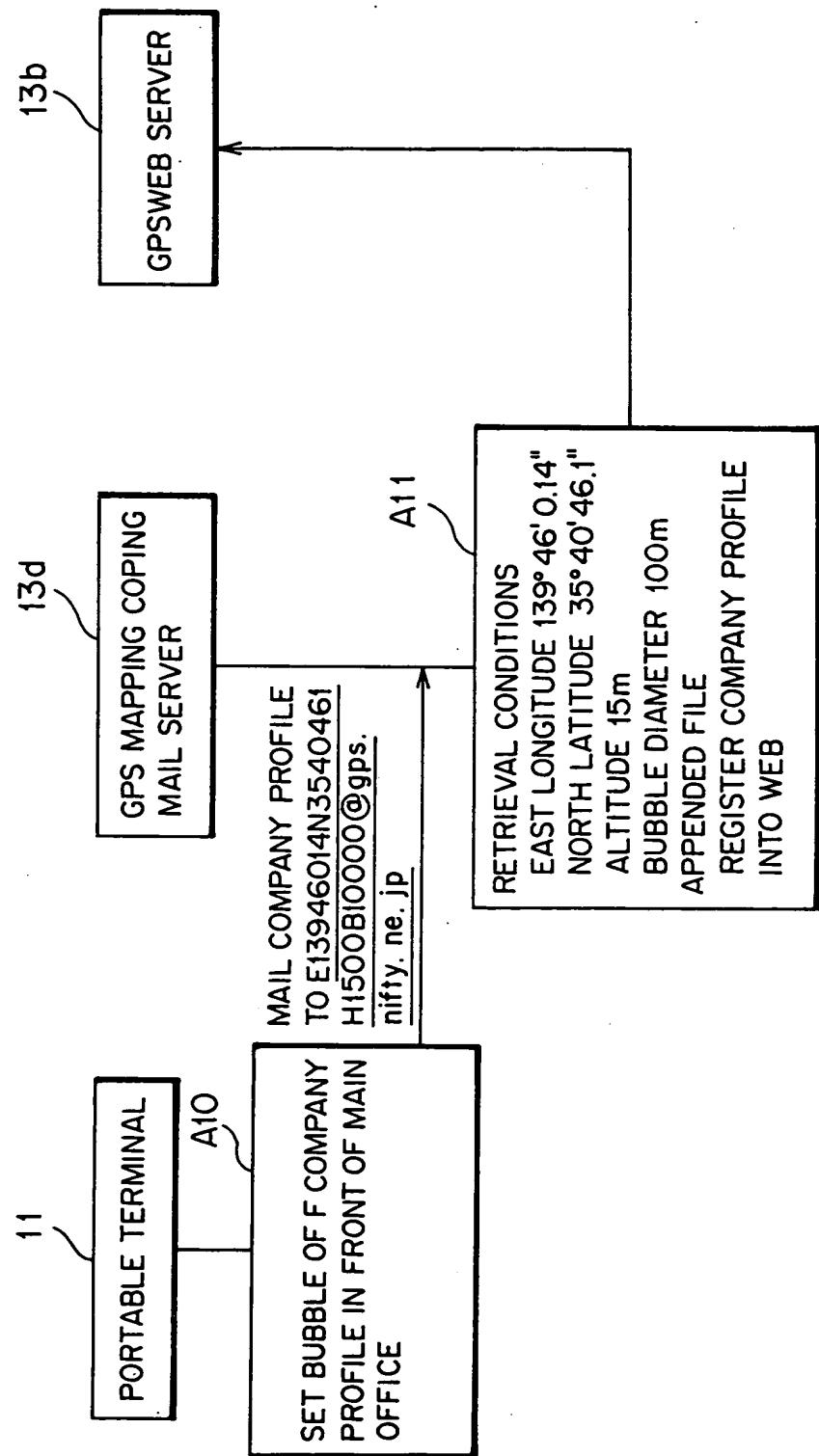


FIG. 14

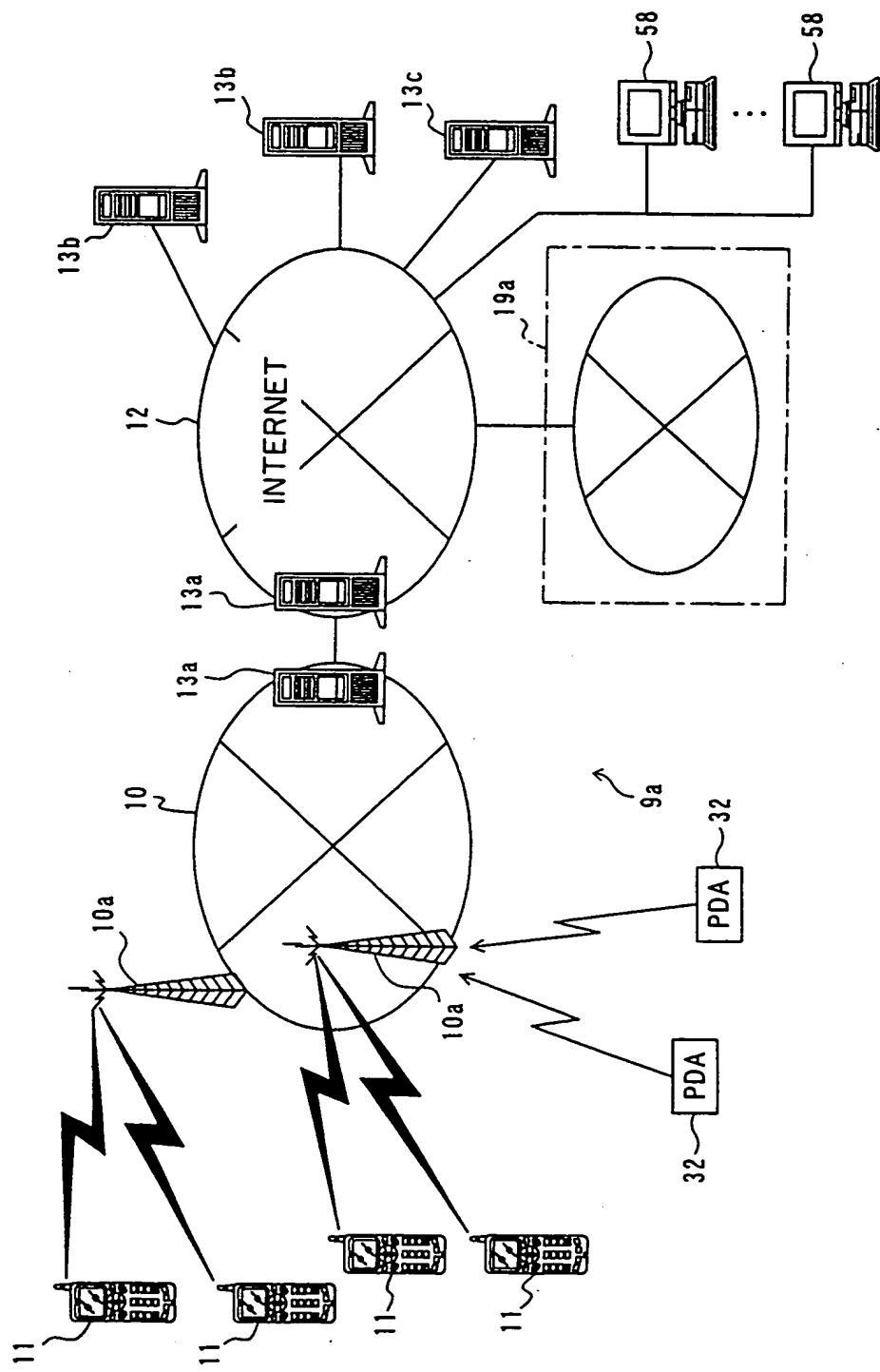
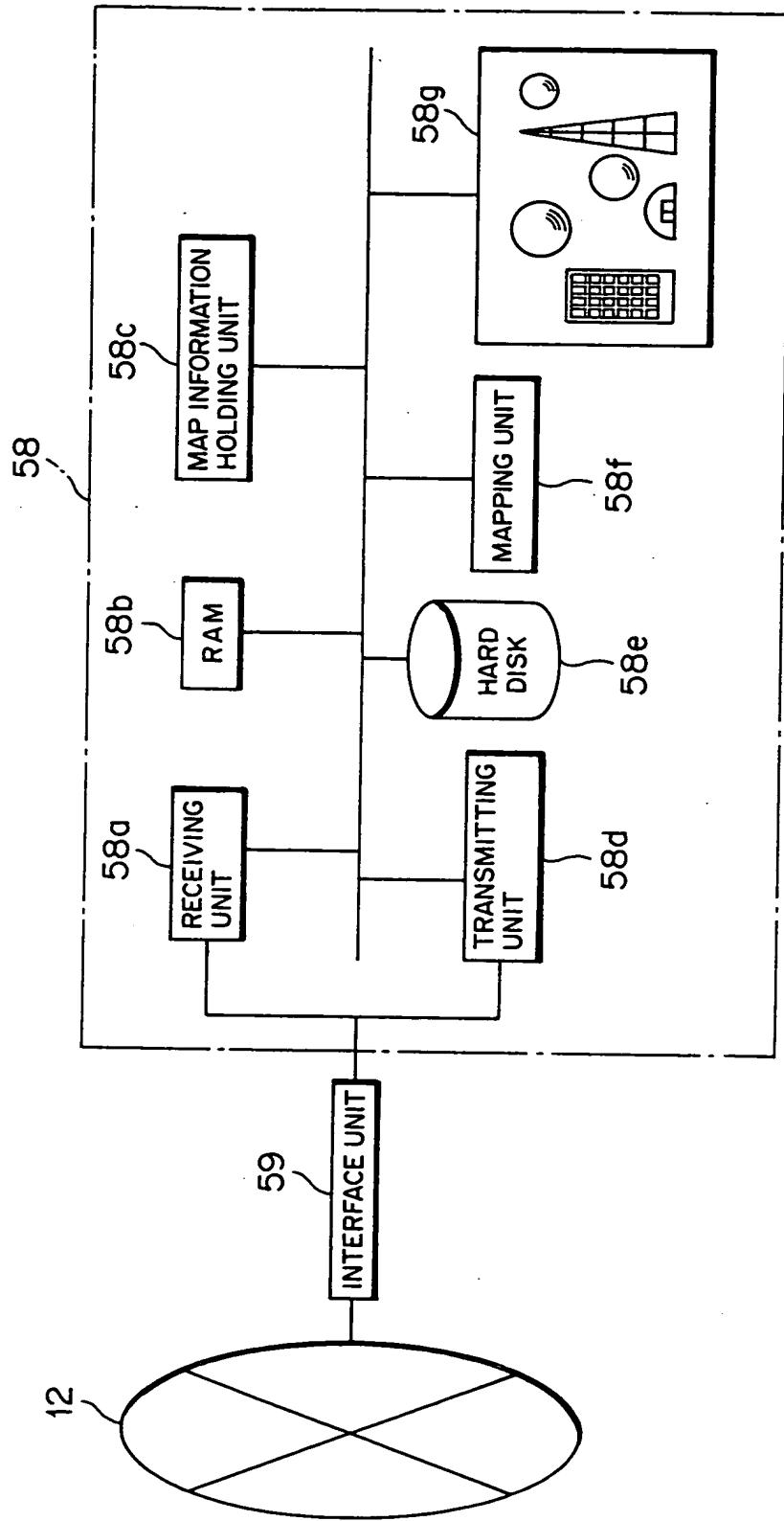
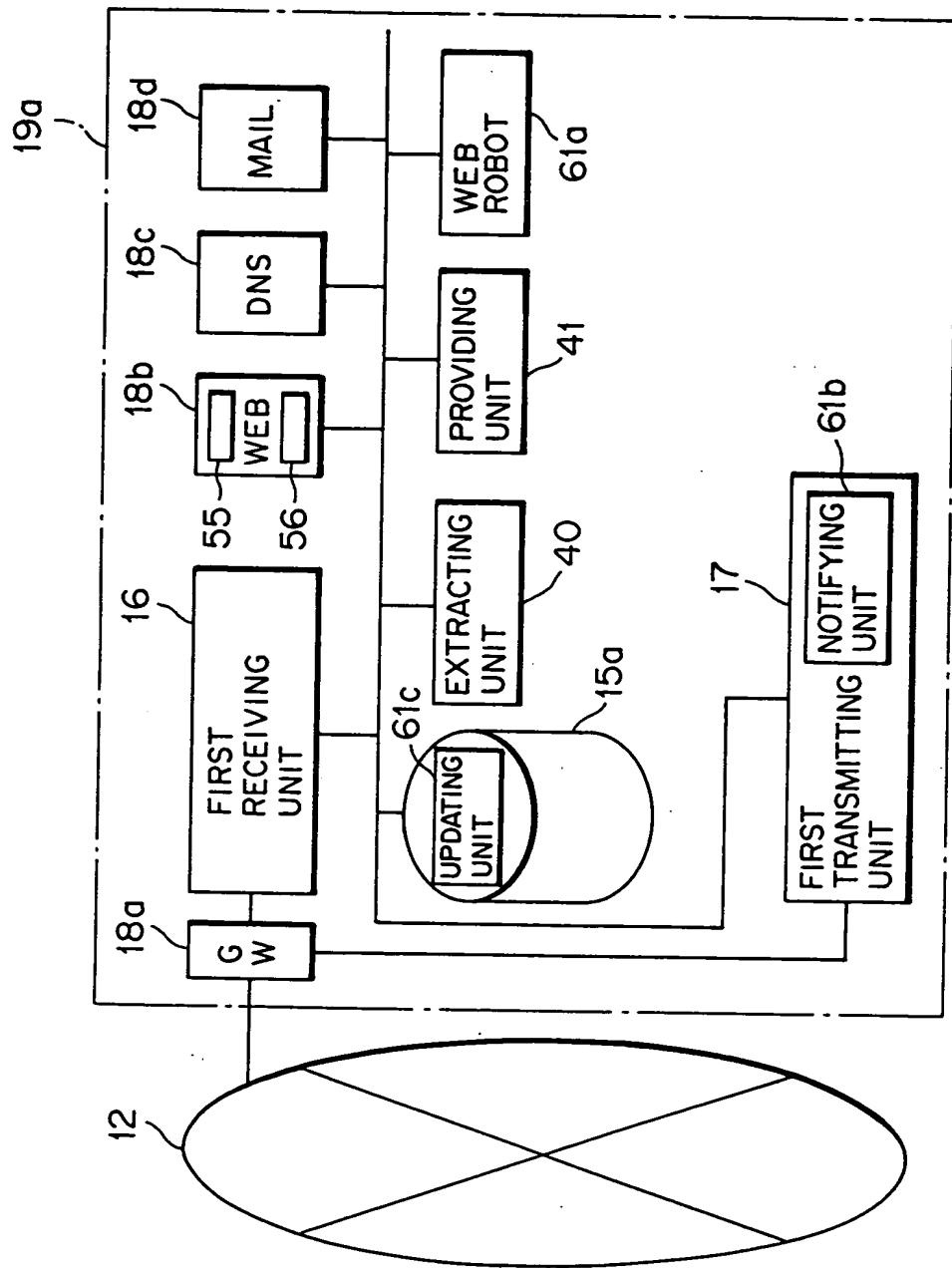


FIG. 15



1024910 " 1.2.2.6.0

FIG. 16



10230 " 12225 10

FIG. 17

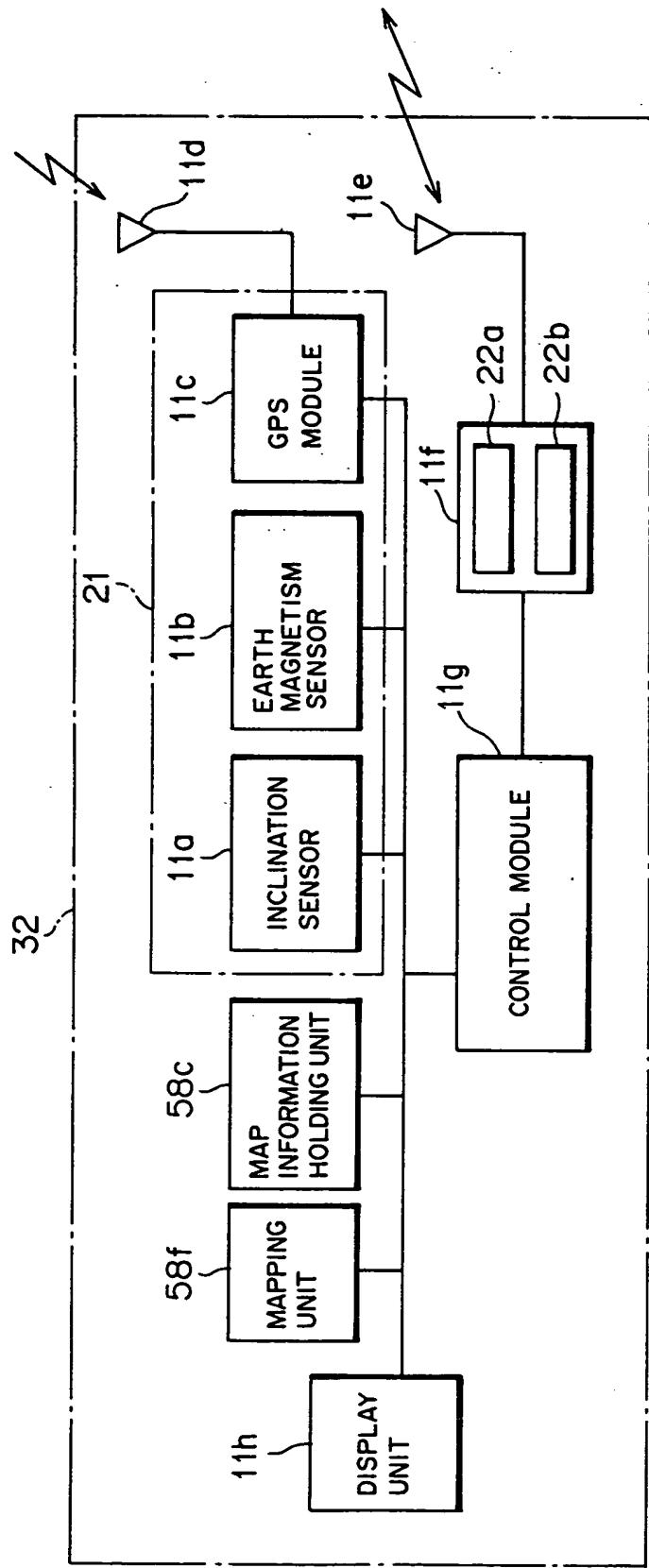
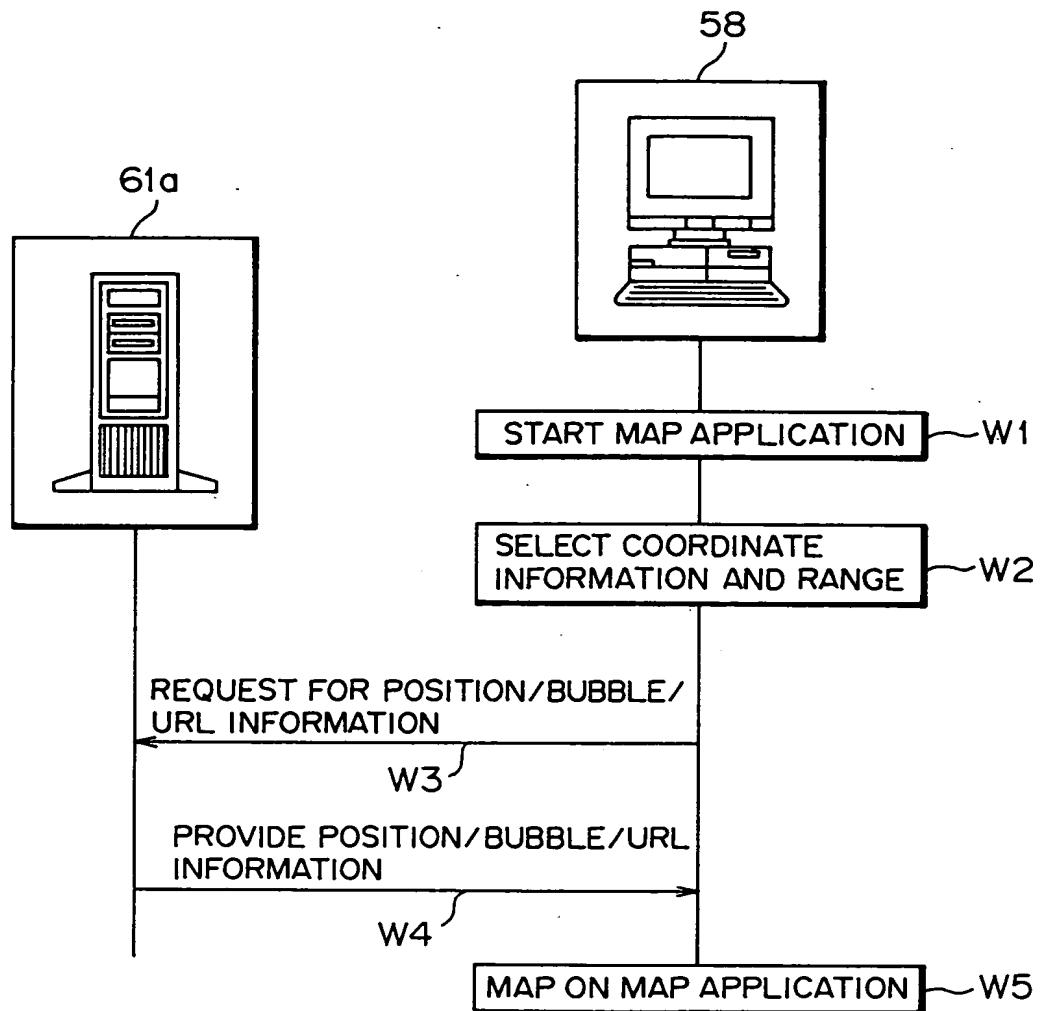


FIG. 18



00439290 - 062201

FIG. 19

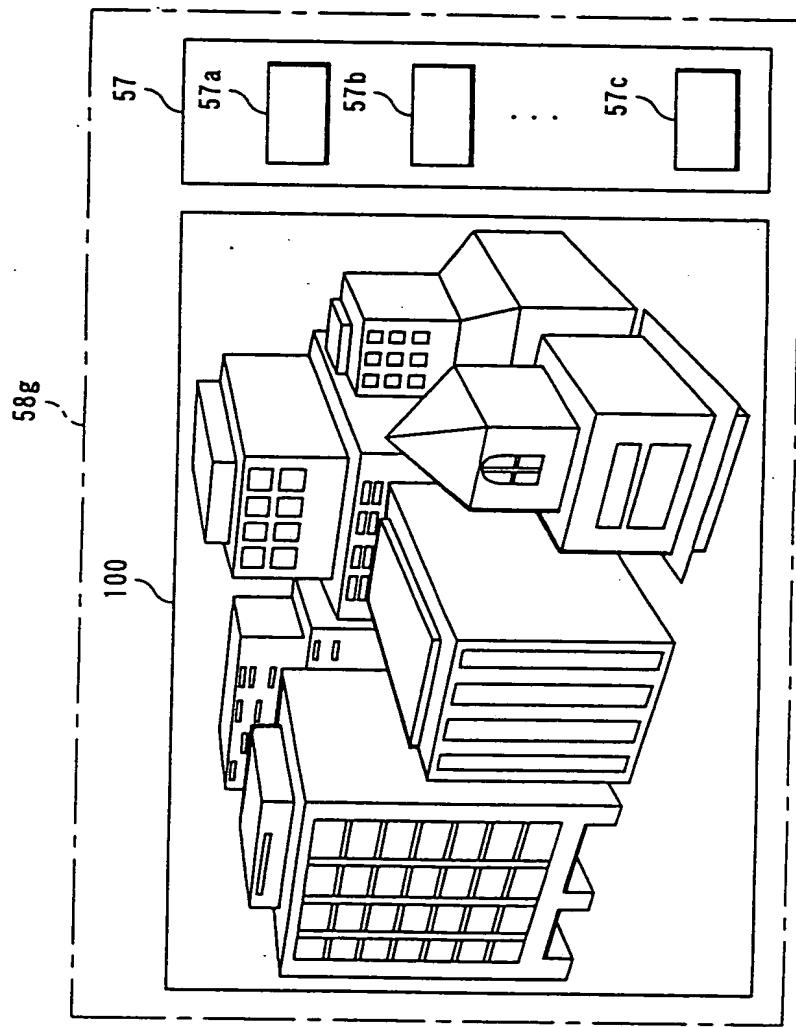
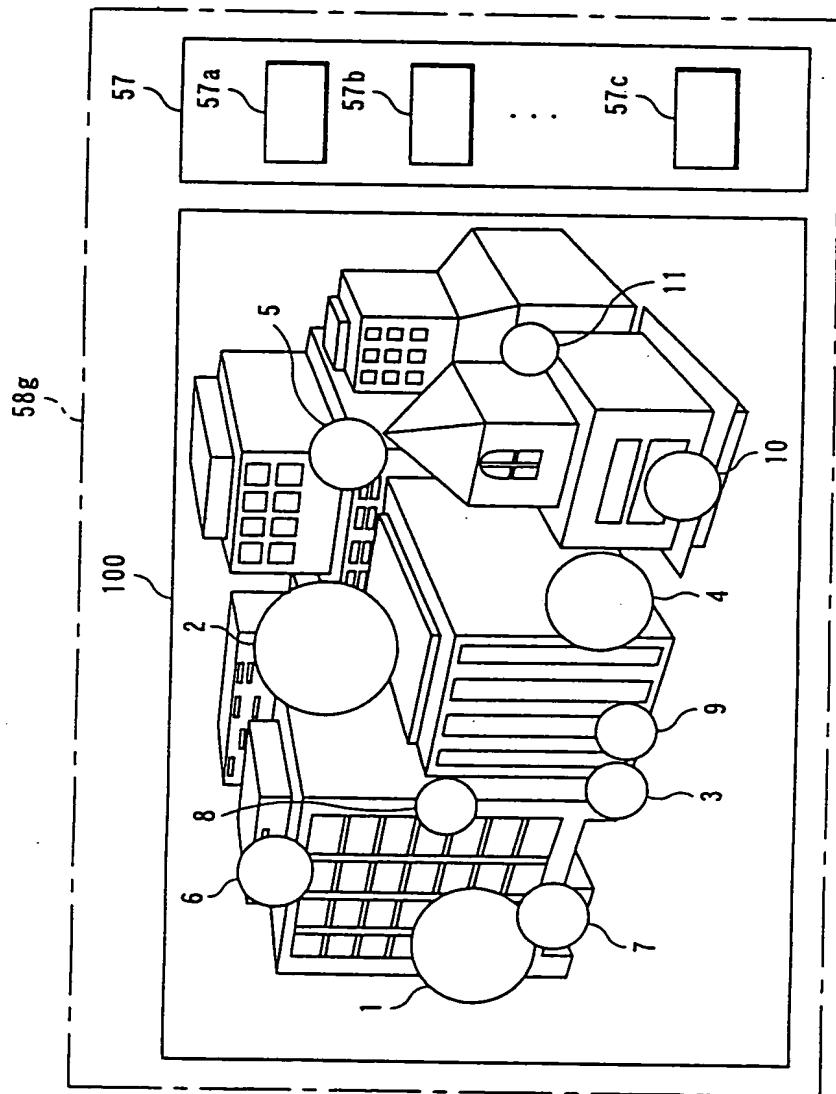


FIG. 20



16022900 TRACER 26360

FIG. 21

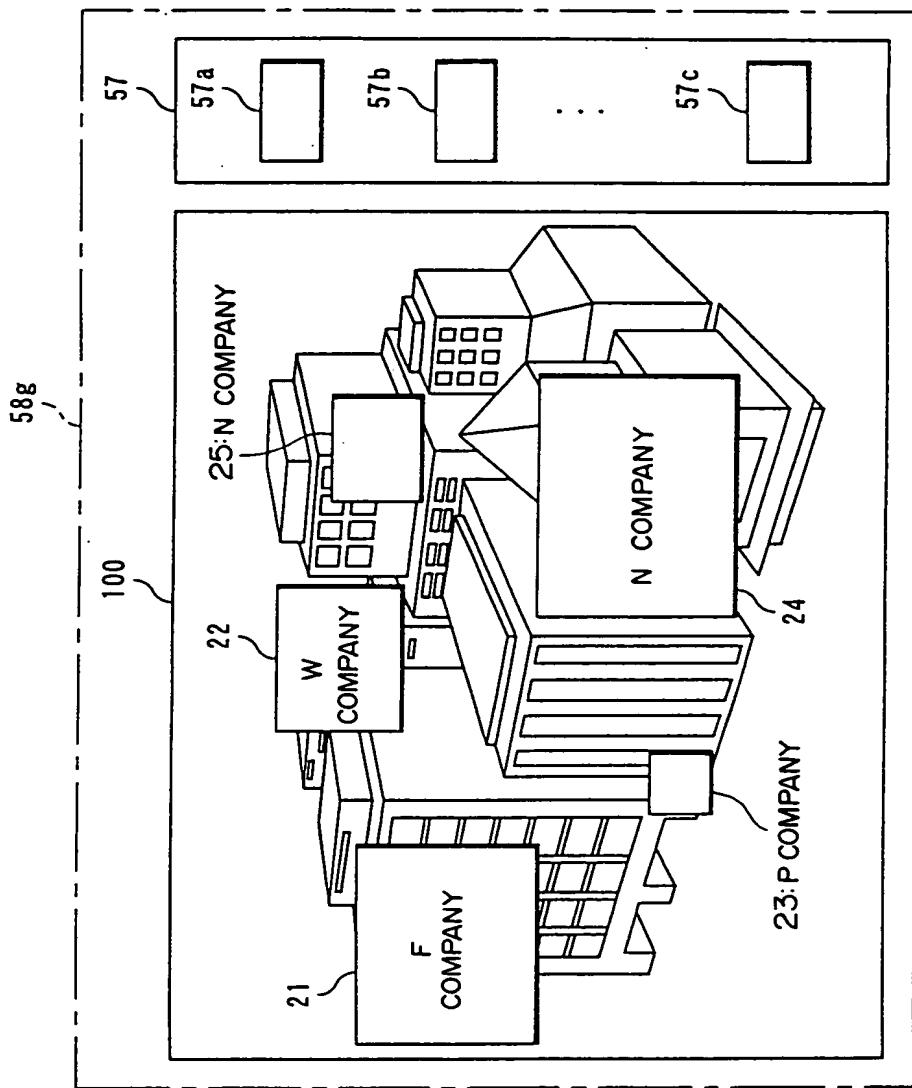


FIG. 22

63

<bubble>	
<latitude>139, 46, 1. 3</latitude>	LATITUDE 139° 46' 1.3"
<longitude>35, 40, 45. 7</longitude>	LONGITUDE 35° 40' 45.7"
<altitude>50</altitude>	ALTITUDE 50m
<size>dynamic50</size>	BUBBLE DIAMETER 50m
<animation>honsya.gif</animation>	DISPLAY CHARACTER honsya.gif
<lifedate>01/04/27</lifedate>	DISPLAYABLE DATE : UP TO 2001/04/27
</bubble>	

09062721-090204

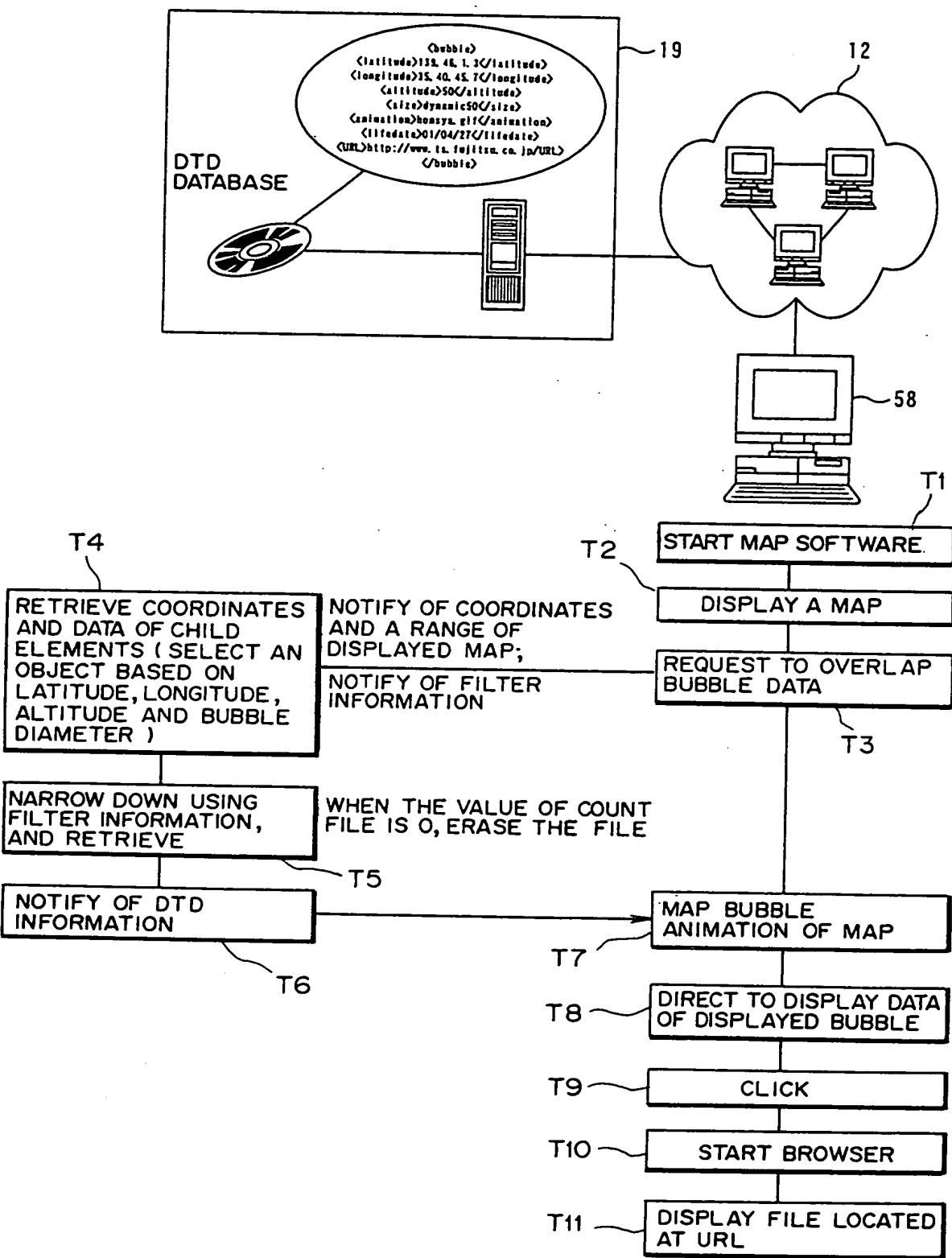
FIG. 23(a)

- CHILD ELEMENTS OF DTD INFORMATION
- LATITUDE, LONGITUDE, ALTITUDE
  - BUBBLE DIAMETER
  - DISPLAY ANIMATION
  - ATTRIBUTE INFORMATION
  - STARTUP APPLICATION
  - STATE FILE NAME
  - URL

FIG. 23(b)

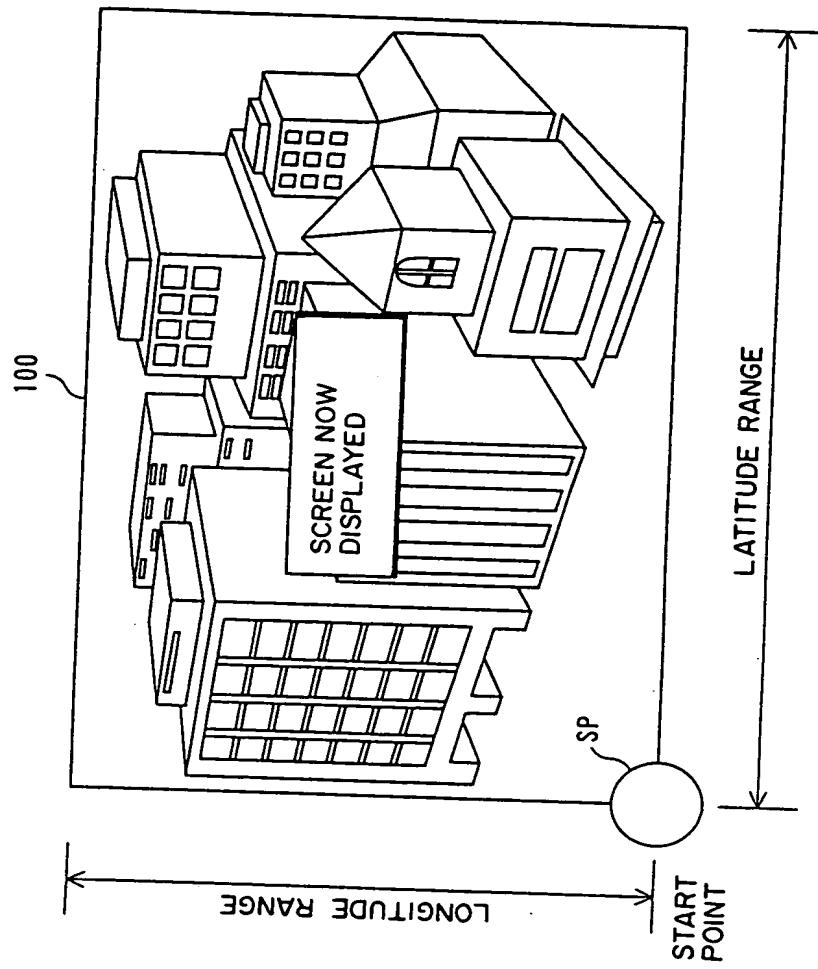
- STATE FILE
- LIFE COUNTER
  - LIFE DATE
  - STARTUP FILE NAME
  - DYNAMIC BUBBLE DIAMETER
  - ACCESS HISTORY

FIG. 24

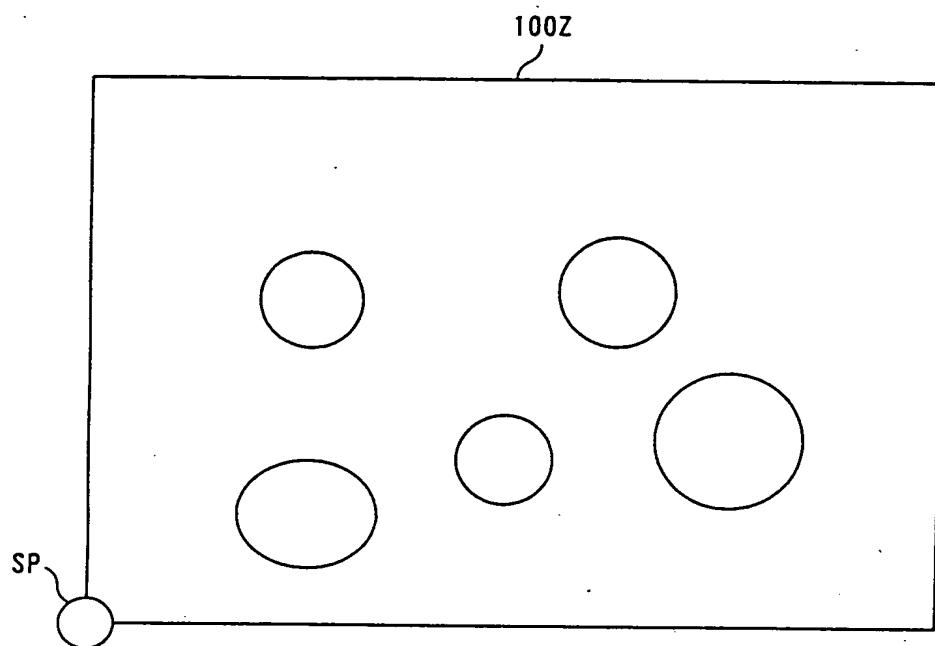


09302204 - 09302204

FIG. 25



**F I G. 26**



**F I G. 27**

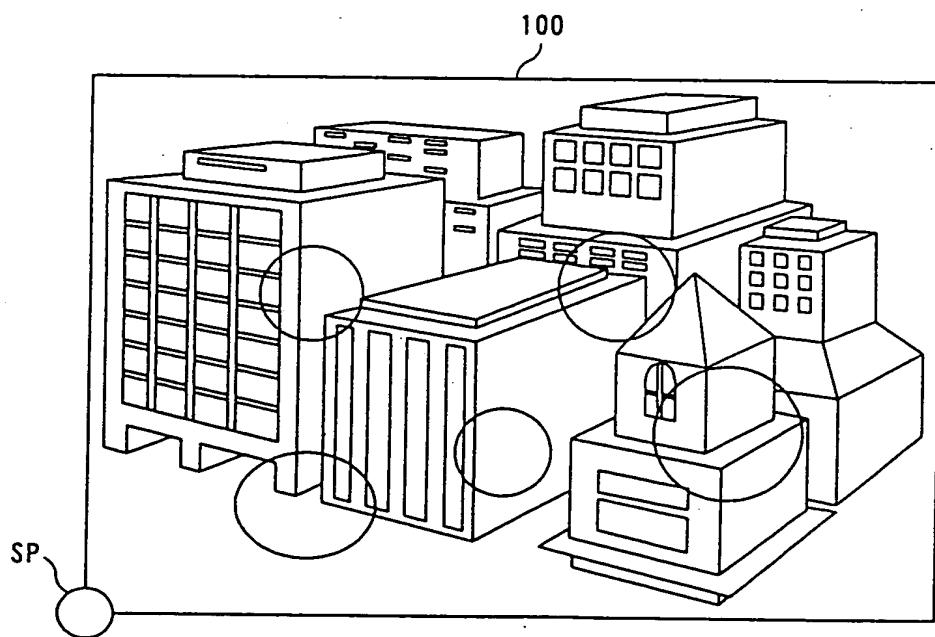
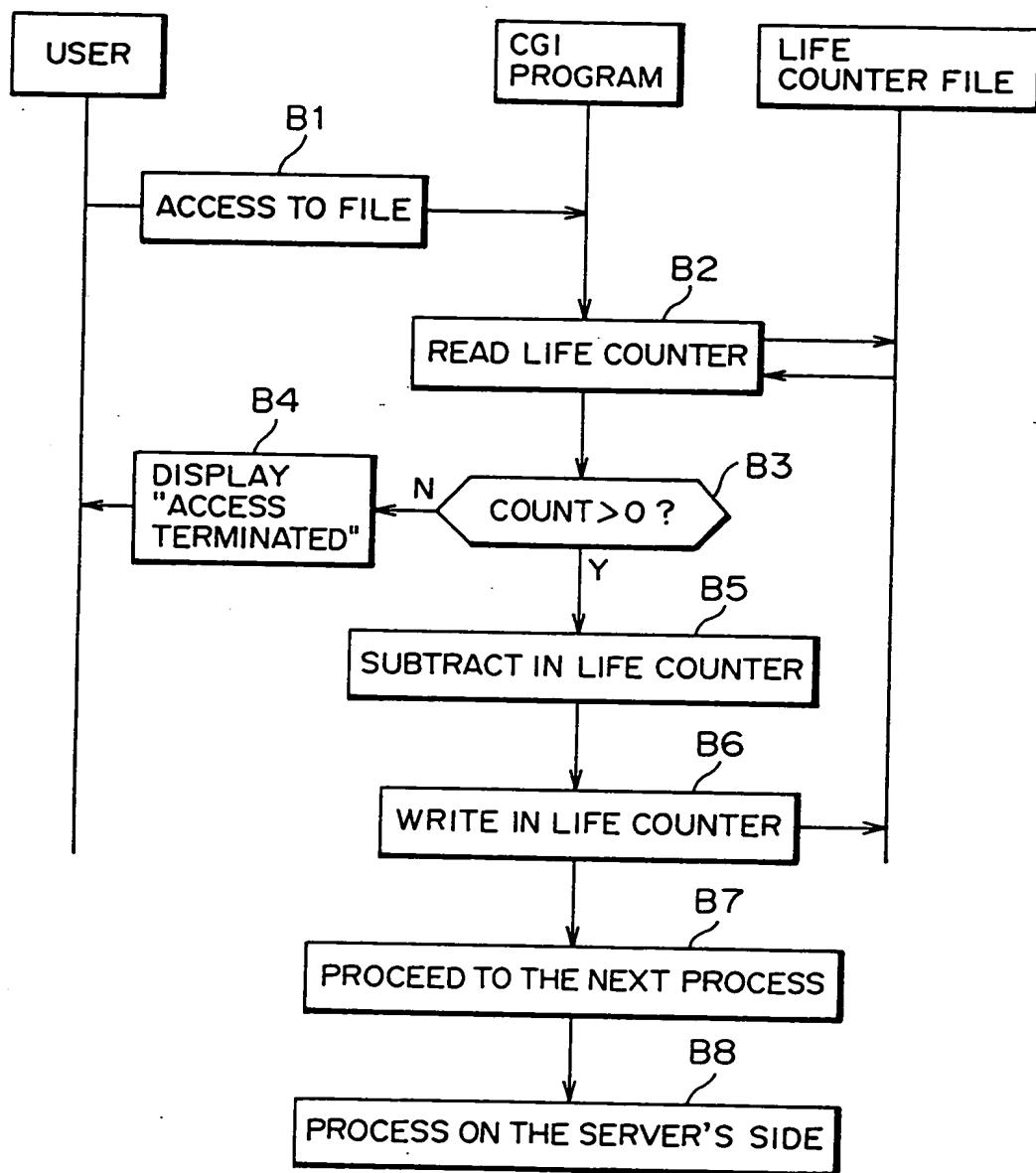


FIG. 28



06850721 068304

FIG. 29

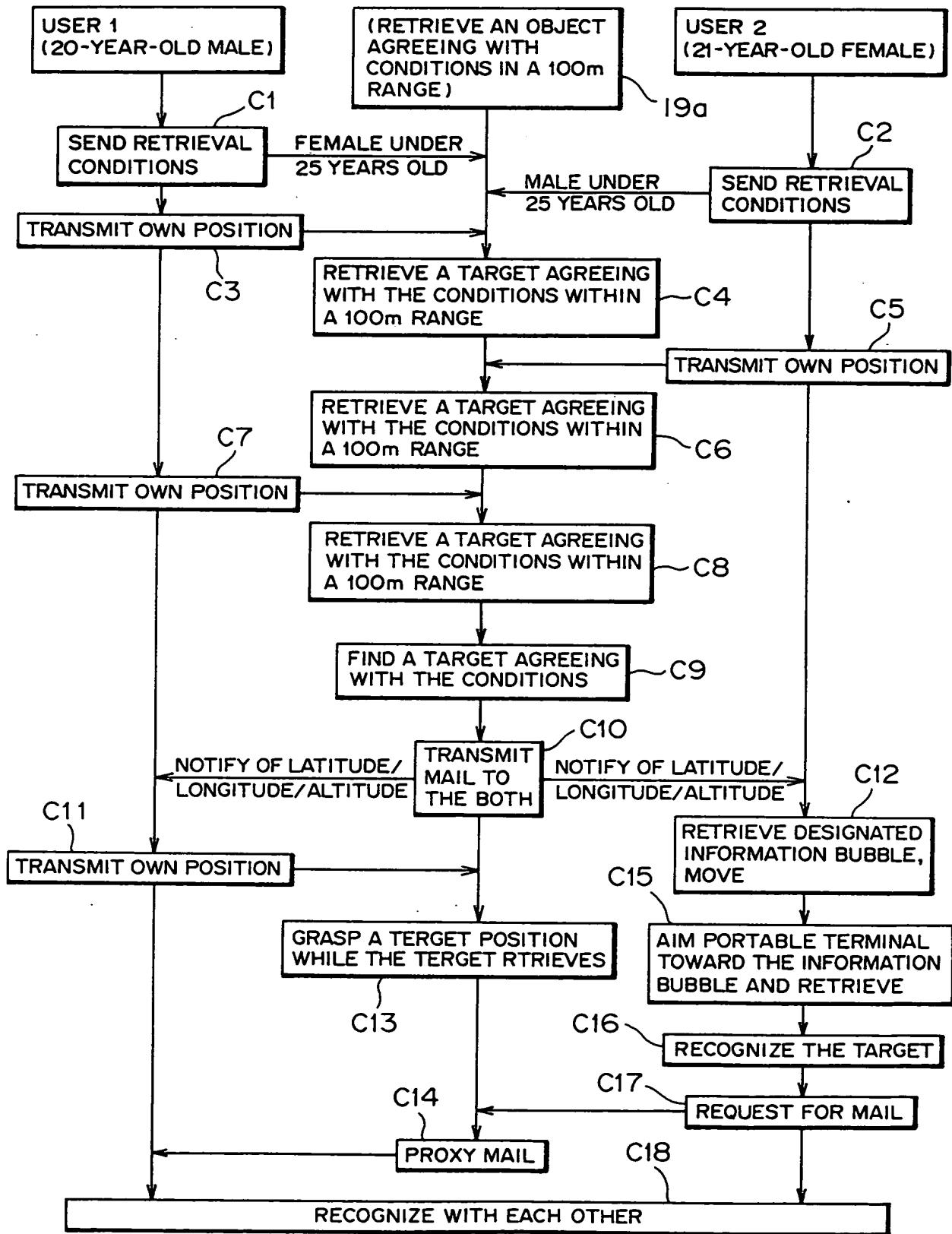
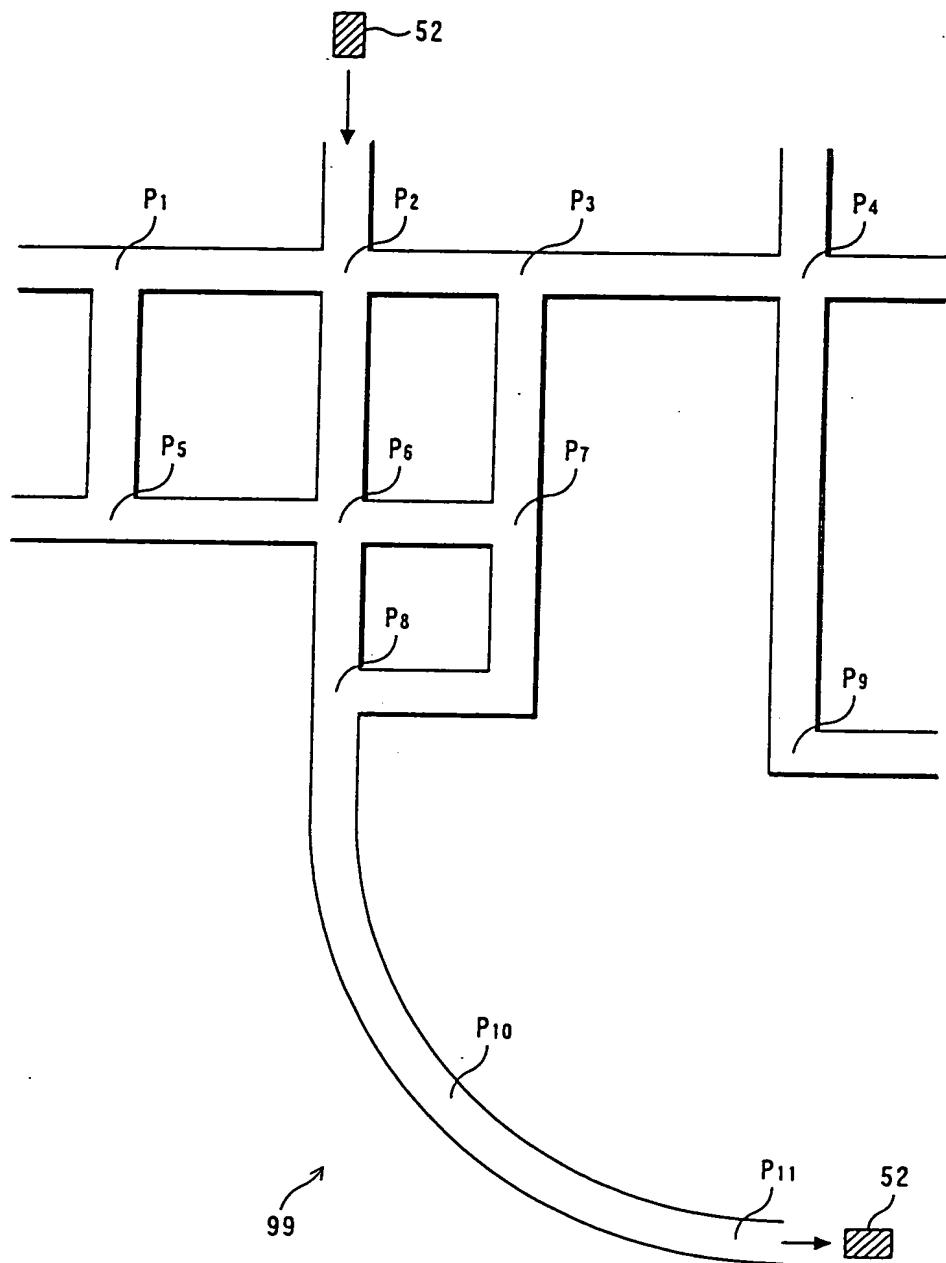


FIG. 30



098924-062301

**FIG. 31**

